

ABSTRACT OF THE DISCLOSURE

Mutated p53 proteins comprising amino acids deletion
5 were disclosed herein. The mutant p53 exhibits high cellular retention and is capable of rendering tumor cells sensitive to apoptotic inducing agents such as γ -irradiation or chemotherapeutic agents. The mutant p53 protein can be delivered separately or in combination with apoptotic inducing agents via aerosol
10 liposome/transfection/infection methods to treat cellular proliferative diseases and disorders in humans and animals.